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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:

Salman Akram

Serial No.: 09/829,161

Filed: April 9, 2001

For: METHODS FOR MAKING

METALLIZATION STRUCTURES FOR

SEMICONDUCTOR DEVICE INTERCONNECTS (as amended)

Confirmation No.: 8260

Examiner: H. Nguyen

Group Art Unit: 2812

Attorney Docket No.: 2269-3442.1US

(96-0428.01/US)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a). The listed documents were cited by the Office in co-pending application Serial No. 09/388,031, filed on September 1, 1999, and directed to a related invention.

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In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

U.S. Patent No.	Publication Date	<u>Patentee</u>
US - 5,321,211	06/14/1994	Haslam et al.
US - 5,913,143	06/15/1999	Harakawa
US - 5,917,244	06/29/1999	Lee et al.
US - 6,133,635	10/17/2000	Bothra et al.
US - 6,281,115 B1	08/28/2001	Chang et al.
US - 6,285,082 B1	09/04/2001	Joshi et al.
US - 6,436,816 B1	08/20/2002	Lee et al.
US - 6,646,340 B2	11/11/2003	Deeter et al.
US - 6,677,647 B1	01/13/2004	Dawson

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the Notice of Allowance, but before payment of the issue fee.

I hereby certify that no item of information contained in the Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the statement. Pursuant to 37 C.F.R. § 1.97(d)(ii), applicant hereby requests consideration of the accompanying Supplemental Information Disclosure Statement. The fee pursuant to 37 C.F.R. §1.17(p) for consideration of this Supplemental Information Disclosure Statement is enclosed.

Respectfully submitted,

Krista Weber Powell Registration No. 47,867

Attorney for Applicant

TRASKBRITT P.O. Box 2550

Salt Lake City, Utah 84110-2550

Telephone: 801-532-1922

Date: January 13, 2005

KWP/dlm:dd

Enclosures: Form PTO-1449 or PTO/SB/08

Copy of documents cited

Check No. 7270 in the amount of \$180.00

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Approved for use through 10/31/2002. OMB 0651-0031

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FORMATIO Complete if Known FORMATION DISCLOSURE Application Number 09/829,161 April 9, 2001 Filing Date TATEMENT BY APPLICANT First Named Inventor Salman Akram Group Art Unit 2812 (use as many sheets as necessary) Examiner Name H. Nguyen 2269-3442.1US (96-0428.01/US) Sheet Attorney Docket Number

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Releva Passages or Relevant Figures Appear	
	1	US-5,321,211	06/14/1994	Haslam et al.	-	
		US- 5,913,143	06/15/1999	Harakawa		
		US- 5,917,244	06/29/1999	Lee et al.		
		US- 6,133,635	10/17/2000	Bothra et al.		
		US- 6,281,115 B1	08/28/2001	Chang et al.		
		US- 6,285,082 B1	09/04/2001	Joshi et al.		
		US- 6,436,816 B1	08/20/2002	Lee et al.		
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	FOREIGN PATENT DOCUMENTS					
Examiner Cite Initials* No.1	Cite	Foreign Patent Document	212 . 2	Name of Patentee or	Pages, Columns, Lines,	
	Country Code ³ - Number ⁴ - Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶	
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Examiner Signature	Date Considered	

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.